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Dated: April 7, 2005

Signature: Staci Harris

(Staci Harris)

Docket No.: HO-P02216US0
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Anna Orlefors et al.

Application No.: 09/869,554

Art Unit: 1634

Filed: December 23, 1999

Examiner: S. A. Sakelaris

For: METHOD FOR SEQUENCING DNA USING A
MICROFLUIDIC DEVICE

**AMENDMENT AND RESPONSE TO A NOTICE OF NON-COMPLIANT
AMENDMENT**

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

- INTRODUCTORY COMMENTS

This is in response to the Notice of Non-Compliant Amendment dated March 22, 2005. The originally filed amendment filed on February 28, 2005 was filed in response to the Office Action dated October 29, 2004, please amend the above-identified U.S. patent application as follows:

Interview Summary begins on page 2 of this paper;

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper; and

Remarks/Arguments begin on page 16 of this paper.

INTERVIEW SUMMARY

An in person interview was conducted with the Examiner Sally Sakelaris on February 16, 2005. Applicants in attendance included an inventor, Per Andersson, a representative for the Assignee, Hakan Bergander, and two representatives for the Applicants, David Fox and Melissa Acosta.

Applicants first stated that the record should indicate that Mian et al. teaches the Sanger method of sequencing. Applicants also discussed possible amendments to distinguish the present invention in view of the prior art of record, for example a common application area which is supported by the specification page 2, lines 25-27, page 13, lines 1-2, and Figure 4a-4d, see item 1. Another items discussed was more than one reaction area per microchannel structure, which is not taught by either Ronahgi et al. and Mian et al.